

Date: Thu, 28 Apr 94 04:30:15 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #131
To: Ham-Digital

Ham-Digital Digest Thu, 28 Apr 94 Volume 94 : Issue 131

Today's Topics:

 E-mail friend wanted...
 HELP - baycom driver for ka9q?
 Help with Packet on a Mac (2 msgs)
 Linux and TCP/IP packet (2 msgs)
 Running Pactor and GTOR on the Same BBS Port
 TNC emulator for ATARI portfolio
 what freq to receive weather fax ?

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>

Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Apr 94 21:47:56 GMT
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!hp-cv!
reuter.cse.ogi.edu!netnews.nwnet.net!ns1.nodak.edu!news.uoknor.edu!news.ualr.edu!
quapaw.astate.edu!quapaw.astate.edu!@
Subject: E-mail friend wanted...
To: ham-digital@ucsd.edu

Hi, How are you?

My name is Satoshi. I'm student from Japan. I'm studying English and American
culture. I used to be an amateur packetter in Japan, and my call is JQ1TIV.
If somebody interest, please send me an E-mail and talk about amateur radio.

Satoshi Yoshida
syoshida@quapaw.astate.edu

Thanks for reading and I'm waiting mails.....

Date: 28 Apr 94 04:42:22 GMT
From: dog.ee.lbl.gov!newshub.nosc.mil!news!news@ucbvax.berkeley.edu
Subject: HELP - baycom driver for ka9q?
To: ham-digital@ucsd.edu

Seems someone posted an ans to the baycom driver for ka9q but i seem to have lost it. Would like a baycom driver for ka9q software. Thanks in advance.
73, ted
n6trf

Date: 27 Apr 94 21:55:04 GMT
From: news.tek.com!gvgpsa.gvg.tek.com!gold.gvg.tek.com!gold@cleveland.uunet.uu.net
Subject: Help with Packet on a Mac
To: ham-digital@ucsd.edu

Ooops - disregard my last post. I just saw the word "mac."
What a dummy I can be when I try.

* Grover Cleveland WT6P@KE6LW.#NOCAL.CA *
* Instructional Designer v(916) 478-3153 *
* The Grass Valley Group Inc. - A Tektronix Company f(916) 478-3831 *
* Grass Valley, California DoD 7388 *

Date: 27 Apr 94 21:53:53 GMT
From: news.tek.com!gvgpsa.gvg.tek.com!gold.gvg.tek.com!gold@cleveland.uunet.uu.net
Subject: Help with Packet on a Mac
To: ham-digital@ucsd.edu

In Article <199404172207.PAA09081@ucsd.edu>,
William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM wrote:
>usually the "packet programs" seems to be an exercise in clashing colors and
>noise making with keystrokes that make DOS WordPerfect a model of
>standardization. they aren't without their benefits, but they suffer from not
>being organized very well and can be insurmountable if you aren't technically
>up to speed on the computer side and are doggedly persistant.

I just ran across a program on Compuserve that is not-so-humbly billed as the best packet program ever. It is called "PAKET" and it is very, very good. Since it is shareware, give it a look.

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* Grass Valley, California DoD 7388 *

Date: 26 Apr 94 20:18:01 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!
connected.com!beauty!rwing!eskimo!rdonnell@network.ucsd.edu
Subject: Linux and TCP/IP packet
To: ham-digital@ucsd.edu

Thomas Grant Edwards (tedwards@eng.umd.edu) wrote:
: What is the best way for a Linux system already on the internet via
: a ethernet Lan to also be on AX.25 TCP/IP via a TNC hooked into a
: serial port?

: Do I want Jnos or the GW4PTS AX.25 Package?

: -Thomas
: N3HAU

I'd say it depends a lot on whether you make the service public or not. When you use the AX25 drivers in the kernel, as I understand it, you have no ability to set controls on what services or ip addresses pass from one port to the other. JNOS implements TCP and IP access controls. I've not tinkered with area yet, as my linux box is on a local ethernet with a jnos box handling the radios. However, for license preservation, look carefully at how much control you may need to exercise over non-amateurs attempting to use services or access stations on the air. The FCC is not in favor of unlicensed operations!

73

Bob, KD7NM

Date: 28 Apr 94 08:48:15 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!pipex!lyra.csx.cam.ac.uk!
jhl14@ucbvax.berkeley.edu
Subject: Linux and TCP/IP packet
To: ham-digital@ucsd.edu

In article <Covv22.9q@eskimo.com>, Bob Donnell <rdonnell@eskimo.com> wrote:

>: What is the best way for a Linux system already on the internet via
>: a ethernet Lan to also be on AX.25 TCP/IP via a TNC hooked into a
>: serial port?
>[...]
>I'd say it depends a lot on whether you make the service public or not. When
>you use the AX25 drivers in the kernel, as I understand it, you have no
>ability to set controls on what services or ip addresses pass from one port
>to the other.

Maybe tcp wrappers will do the trick ?

- John, jhl114@cus.cam.ac.uk

Date: 26 Apr 94 20:29:58 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!
connected.com!beauty!rwing!eskimo!rdonnell@network.ucsd.edu
Subject: Running Pactor and GTOR on the Same BBS Port
To: ham-digital@ucsd.edu

Steve Wolf (ag807@cleveland.Freenet.Edu) wrote:

:
: SB HF @ WW < N08M \$62887_N08M
: Both Pactor/GTOR On BBS Port (1/2)
: R:940420/1604z 62887@N08M.#NEOH.OH.USA.NA
:
:
: RUNNING KAM PACTOR AND GTOR ON THE SAME BBS PORT
:
: Two KAMs were run in parallel by running the radio port lines in
: parallel. Running these to a Kenwood TS-450 showed that dual
: porting will not work in the FSK mode. The KAM uses a simple
: transistor switch to hold the FSK line low unless a toggle is
: required. Rather than reverse engineer that, a change to AFSK was
: made.(3)
:

It is possible with a few transistors and diodes (or horrors >relays<) to
make a switching circuit that only passes FSK data from the TNC that
activates its PTT output. This does require routing both PTT and FSK
signals from both TNCs through the circuit, with outputs consisting of a
switched FSK signal and a PTT signal for the radio. I ginned one of these
up on a super-strip about a year ago to verify the functionality, so yes, it
does work.

: (NOTE 3: Two virtually identical HF MSYS BBS systems were

: tested over a long period of time from many locations under
: many conditions. One system was operated with FSK and the
: other with AFSK. If there was a difference between FSK and
: AFSK, it was so slight that it was not measurable. AFSK is
: fine.)
:

Also, with the Kenwood TS-450 and TS-850 and AFSK operations frequently
seems to result in RF feedback - completely avoided when switching to FSK.

73

Bob, KD7NM
kd7nm@kd7nm.ampr.org
rdonnell@eskimo.com

Date: 26 Apr 1994 15:26:06 -0400
From: agate!howland.reston.ans.net!usenet.ins.cwru.edu!eff!news.duke.edu!
godot.cc.duq.edu!nntp.club.cc.cmu.edu!news.mic.ucla.edu!unixg.ubc.ca!
quartz.ucs.ualberta.ca!tribune@ihnp4.ucsd.edu
Subject: TNC emulator for ATARI portfolio
To: ham-digital@ucsd.edu

Does anyone have a small tnc emulator (baycom?) that would fit into
a 128 kb ram card of an atari portfolio and run within 256kb of RAM?

I am building a small baycom modem for AX.25 packet on 2m and would like
to use my Atari Portfolio with a serial interface to create my first
and portable packet station.

P.S. The Atari Portfolio uses a derived version of msdos 2 or 3.XX
I would require a compiled version if possible.

Thanks in advance!

73 VE2-SQL

Date: 28 Apr 1994 02:23:09 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsfeed.pitt.edu!godot.cc.duq.edu!
duq3.cc.duq.edu!SYJERRY@network.ucsd.edu
Subject: what freq to receive weather fax ?
To: ham-digital@ucsd.edu

what frequency can I receive weather fax ?

please email responses if possible.

thanks

jerry
N3RKD

End of Ham-Digital Digest V94 #131
